

CLAIM AMENDMENTS

Claims 1-33 (cancelled).

Claim 34 (currently amended):

A table saw comprising:

a table defining a work surface;

a rotatable blade extendable up through the work surface;

an elevation mechanism adapted to move the blade up and down relative to the table;

a detection system adapted to detect a dangerous condition between a person and the blade;

a brake adapted to engage and decelerate the blade when the detection system detects the dangerous condition between the person and the blade, where the brake moves pivots up and down relative to the table to maintain an operative position relative to the blade when the elevation mechanism moves the blade up and down relative to the table.

Claim 35 (previously presented).

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down.

Claims 36-37 (cancelled).

Claim 38 (currently amended):

The table saw of claim 34 where moving the blade up and down moves pivots the brake up and down.

Claim 39 (cancelled).

Claim 40 (previously presented):

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down and where pivoting the blade up and down pivots the brake up and down.

Claim 41 (currently amended):

The table saw of claim 34 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and further comprising a brake positioning mechanism adapted to mount the brake to the arbor block so the brake ~~moves~~ pivots with the arbor block.

Claim 42 (previously presented):

The table saw of claim 34 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and where the brake pivots around the pin.

Claim 43 (currently amended):

A table saw comprising:

a table defining a work surface;

a rotatable blade extendable up through the work surface;

an elevation mechanism adapted to change the elevation of the blade relative to the table;

a detection system adapted to detect a dangerous condition between a person and the blade; and

a brake adapted to engage and decelerate the blade when the detection system detects the dangerous condition between the person and the blade, where the brake changes elevation relative to the table by pivoting when the elevation mechanism changes the elevation of the blade relative to the table.

Claim 44 (previously presented):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down.

Claims 45-46 (cancelled):

Claim 47 (previously presented):

The table saw of claim 43 where changing the elevation of the blade changes the elevation of the brake.

Claim 48 (previously presented):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down and where pivoting the blade up and down changes the elevation of the brake.

Claim 49 (previously presented):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down and where pivoting the blade up and down pivots the brake up and down.

Claim 50 (currently amended):

The table saw of claim 43 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and further comprising a brake positioning mechanism adapted to mount the brake to the arbor block so the brake ~~moves~~ pivots with the arbor block.

Claim 51 (previously presented):

The table saw of claim 43 where the dangerous condition is contact between a person and the blade.

Claim 52 (previously presented):

The table saw of claim 43 where the dangerous condition is proximity between a person and the blade.

Claim 53 (new):

A table saw comprising:

a frame including a table defining a work surface;

a rotatable blade coupled to the frame and extendable up through the work surface;

an elevation mechanism adapted to change the elevation of the blade relative to the table;

a detection system adapted to detect a dangerous condition between a person and the blade; and

a brake adapted to decelerate the blade upon detection of the dangerous condition; and

brake positioning means for pivoting the brake up and down to maintain the brake in an operative position relative to the blade as the elevation of the blade relative to the table is changed.

Claim 54 (new):

The table saw of claim 53 where the dangerous condition is contact between a person and the blade.

Claim 55 (new):

The table saw of claim 53 where the dangerous condition is proximity between a person and the blade.